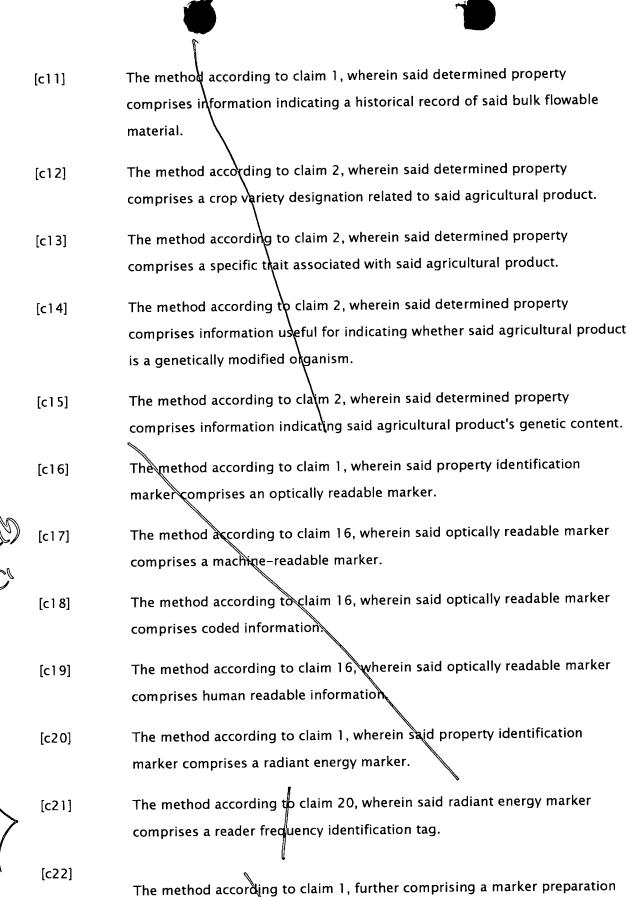
Claims

	Claims		
	[c1]	A method for identifying a characteristic of a bulk flowable material,	
Syl		comprising the steps of:	
		selecting a bulk flowable material having a determined property;	
		causing said bulk flowable material to flow; and	
		periodically dispensing a property identification marker into said bulk	
		flowable material.	
	[c2]	The method according to claim 1, wherein said bulk flowable material	
Sul al		comprises an agricultural product.	
	[c3]	The method according to claim 2, wherein said agricultural product	
		comprises an unharvested agricultural crop.	
	[c4]	The method according to claim 2, wherein said agricultural product	
		comprises a harvested agricultural crop.	
	[c5]	The method according to claim 4, wherein said harvested agricultural crop is	
		located in a transport container.	
	[c6]	The method according to claim 4 wherein said harvested agricultural crop is	
Sut a?		located in a crop harvesting apparatus.	
	〉 [c7]	The method according to claim 1, wherein said determined property	
		comprises information identifying a grower of said bulk flowable material.	
	[c8]	The method according to claim 1, wherein said determined property	
		comprises information identifying an owner of said bulk flowable material.	
	[c9]	The method according to claim 1, wherein said determined property	
		comprises information indicating geographic origin of said bulk flowable	
		material.	
	[c10]	The method according to claim 1 wherein said determined property	
		comprises information indicating a genetic property of said bulk flowable	
		material.	



step wherein identifying information is stored on said property identification

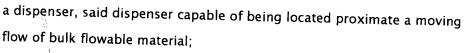
(J)

SU		marker, said marker preparation step being performed prior to said step of
	<i>)</i> *	causing said bulk flowable material to flow.
	[c23]	The method according to claim 1, further comprising a marker preparation
		step wherein identifying information is stored on said property identification
		marker, said marker preparation step being performed concurrent with said
		step of causing said bulk flowable material to flow.
	[c24]	The method according to claim 1, further comprising a marker preparation
	(52.4)	step wherein identifying information is stored on said property identification
N	2	marker, said marker preparation step being performed after said step of
	- \	periodically dispensing.
East.	(-25 <u>1</u>	The method according to claim wherein said property identification
T T	[c25]	marker comprises information indicating a plurality of properties of said bulk
77		flowable material.
4		
M (3)	[c26]	The method according to claim 1, wherein said property identification
		marker comprises a colored-coded marker.
	[c27]	The method according to claim 1, wherein said property identification
		marker comprises a preprinted label.
tracer 	[c28]	The method according to claim 20, wherein said radiant energy marker
		contains identifying information stored prior to said step of causing said
W.		bulk flowable material to flow.
	[c29]	The method according to claim 1, wherein said step of periodically
0		dispensing is performed at pre-determined time intervals.
	[c30]	The method according to claim 1, wherein said step of periodically
		dispensing is performed at pre-determined volume-related intervals.
	[c31]	The method according to claim 1, wherein said property identification
	- -	marker comprises a substance deposited onto said bulk flowable material.
	[c32]	The method according to claim 31, wherein said substance comprises a

collection device.

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	[c45]	The method according to claim 44, wherein said bulk flowable material
	(å , o)	,
^	٨	collector device comprises a crop harvester.
Suk a	[c46]	The method according to claim 1, wherein said determined property
		comprises information indicating a prior chemical treatment of said bulk
1		flowable material.
CN	[c47]	The method according to claim 46, wherein said prior chemical treatment
500		comprises an insecticide application.
U*	[c48]	The method according to claim 46, wherein said prior chemical treatment
	. ,	comprises a herbicide treatment.
Sull QE	[c49]	The method according to claim 1, wherein said determined property
		comprises information indicating future handling regarding said bulk
		flowable material.
	[c50]	The method according to claim 1, wherein said determined property
J.		comprises information indicating prior testing of said bulk flowable material.
-	[c51]	The method according to claim 1, further comprising the step of recording
		positioning information associated with said bulk flowable material.
	[c52]	The method according to claim 51, wherein said recording step includes the
		step of receiving a positioning system signal related to said bulk flowable
		material.
	[c53]	The method according to claim 4, wherein said harvested agricultural crop is
Ol.		located in a storage container.
	[c54]	The method according to claim 1, wherein said property identification
		marker comprises a shape-coded marker.
n /		A A
	[c55]	The method according to claim 1, wherein said property identification
Am'n /		marker comprises a consumable marker.
b 7 ([-5.6]	
10	[c56]	A property identification marker dispenser, comprising:





- a property identification marker holding apparatus, associated with said dispenser; and
- a periodic identification marker release component.
- [c57] The property identification marker dispenser according to claim 56, further comprising a property identification marker.
- [c58] The property identification marker dispenser according to claim 57, wherein said property identification marker comprises a label.
- [c59] The property identification marker dispenser according to claim 57, wherein said property identification marker comprises a preprinted continuous label spool.
- [c60] The property identification marker dispenser according to claim 59, wherein said preprinted continuous label spool comprises a preprinted bar code running along a length of said preprinted continuous label spool.
- [c61] The property identification marker dispenser according to claim 59, wherein said periodic identification marker release component comprises a separation component that separates a portion of said property identification marker from said preprinted continuous label spool.
- [c62] A preprinted label spool, comprising:
 - a spool of label media; and
 - a continuous bar code-style indicia, running along a length said spool of label media.

Suh 26 [c63]

An apparatus, comprising:

- a plurality of property identification markers; and
- a dispenser capable of periodically dispensing said plurality of property identification markers into a flowing bulk flowable material; wherein said plurality of property identification markers carry information

identifying a physical characteristic of a bulk flowable material in which it is placed.

[c64]

The apparatus according to claim 63, wherein said plurality of property identification markers identifies a bulk flowable material as containing a genetically modified organism.

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